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July 17, 2000

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**VIA HAND DELIVERY** 

Ms. Magalie R. Salas Secretary Federal Communications Commission The Portals 445 12th Street, S.W. Washington, DC 20554

Re: Joint Petition for Rule Making

Dear Ms. Salas:

On behalf of Davis Television Fairmont, LLC and Marri Broadcasting, L.P., I am transmitting herewith an original and four copies of a Joint Petition for Rule Making seeking to amend the Television Table of Allotments to specify Channel 55 in lieu of Channel 66, at Fairmont, West Virginia.

Should there be any questions concerning this matter, please contact the undersigned.

Very truly yours,

Dennis P. Corbett

RGG:rg Enclosures

cc (w/encl.): John E. Fiorini, III, Esq.

No. of Copies rec'd O+4
List A B C D E

MMB

Jennis P. Calett

#### **BEFORE THE**

# Federal Communications Commission WASHINGTON, D.C. 20554

In the Matter of	)	
Amendment of Section 73.606(b) Television Table of Allotments (Fairmont, West Virginia)	) ) RM )	JE 200
To: Chief, Allocations Branch Policy and Rules Division		

#### **JOINT PETITION FOR RULE MAKING**

Davis Television Fairmont, LLC and Marri Broadcasting, L.P. (the "Petitioners"), who are all of the mutually exclusive applicants for a construction permit for a new television station at Fairmont, West Virginia, on Channel 66, pursuant to the provisions of Section 1.401 of the Commission's Rules and pursuant to the Commission's <u>Public Notice</u>, DA 99-2605, released November 22, 1999 ("November 22 Notice") as extended by <u>Public Notice</u>, DA 00-536, released March 9, 2000 ("March 9 Notice"), hereby request that the Commission institute a rule making proceeding to amend Section 73.606(b), the Television Table of Allotments, by substituting Channel 55 in lieu of Channel 66.

This Petition is being filed in response to the Commission's opening of a filing window (the "Filing Window"), on November 22, 1999, within which pending NTSC applicants, such as Petitioners, for new full-service NTSC television stations on Channels 60-69 have been given an opportunity to seek substitute allotments in light of the Commission's reallocation of

Mass Media Bureau

Channels 60-69 for public safety use and commercial fixed, mobile and broadcasting services.

See November 22 Notice. The closing date for that window was subsequently extended from March 17, 2000 to July 15, 2000. See March 9 Notice. 1/

The Engineering Statement of Bernard R. Segal, P.E. (the "Engineering Statement"), attached hereto as Exhibit A, establishes that Petitioners' proposal is in full accord with all applicable coverage and allocation criteria set forth in the Commission's rules. Channel 55 may be allotted for NTSC use without creating any new interference to any NTSC or digital television ("DTV") facilities. See Engineering Statement at 3-4. The proposed allotment satisfies all Commission criteria with respect to NTSC and DTV station protection. See Engineering Statement at 4. As required by the Commission's rules, all of Fairmont is included within the calculated Principal City Grade Contour of Channel 55, as proposed. See Engineering Statement at 3.

If this Petition is granted, Petitioners will timely file amendments to their applications for Channel 66 specifying operation on Channel 55 and, if granted, will adhere to all applicable Commission standards for the construction and operation of the facility.

Because July 15, 2000 falls on a Saturday, the Filing Window closes on July 17, 2000. See 47 C.F.R. § 1.4(j).

THEREFORE, for the reasons set forth above, a rule making proceeding should be instituted proposing the amendment of Section 73.606(b) of the Commission's Rules to substitute Channel 55 for Channel 66 at Fairmont in the Television Table of Allotments.

Respectfully submitted,

DAVIS TELEVISION FAIRMONT, LLC

By:

Dennis P. Corbett Ross G. Greenberg

Leventhal, Senter & Lerman P.L.L.C. 2000 K Street, N.W. Suite 600 Washington, DC 20006-1809 202-429-8970

Its Attorneys

MARRI BROADCASTING, L.P.

By:

John E. Fiorini III, Esq.

Gardner, Carton & Douglas 1301 K Street, N.W. East Tower - Suite 900 Washington, D.C. 20005-3317

(202) 408-7159

Its Attorneys

July 17, 2000

#### **EXHIBIT A**

#### ENGINEERING STATEMENT PREPARED ON BEHALF OF DAVIS TELEVISION FAIRMONT, LLC FAIRMONT, WEST VIRGINIA

The instant Engineering Statement has been prepared on behalf of Davis Television Fairmont, LLC (hereafter, Davis) the applicant in BPCT-19960920IY for a new NTSC television facility at Fairmont, West Virginia. The application specifies operation on Ch. 66- with peak visual effective radiated power of 1510 kW and antenna radiation center height above average terrain of 263 meters. Channel 66- is no longer available for new NTSC station use.

The FCC has provided an opportunity for the submission of a Petition for Rulemaking that specifies a channel below Ch. 60 that meets various criteria as set forth in a Public Notice released November 22, 1999. The Notice was later revised to reflect a deadline filing date of July 15, 2000. The instant Engineering Statement provides support for amendment of the NTSC Table of Allotments, Section 73.606, to specify Ch. 55+ at Fairmont, West Virginia, in lieu of Ch. 66-.

Engineering Statement Davis Television Fairmont, LLC Fairmont, West Virginia Page 2

The proposed Ch. 55+ allotment is for operation from a different site than is currently specified in the pending application. At the new site, all separation requirements of Section 73.610 of the Rules are fulfilled. The geographic coordinates for the new site are: 39° 18′ 02″ North Latitude; 80° 20′ 37″ West Longitude. A directional antenna is proposed with maximum peak visual effective radiated power of 1500 kW. The antenna radiation center height above average terrain will be 243 meters. The radiation center height above mean sea level will be 604 meters.

The particulars for the directional antenna which will be used are provided in Exhibits No. 1-4. Exhibit No. 1 is the azimuthal pattern for the antenna and Exhibit No. 2 is a tabulation of relative field and effective radiated power data for the antenna. Exhibit No. 3 is the vertical characteristic for the antenna and Exhibit No. 4 is a tabulation of data for the pattern of Exhibit No. 3.

Engineering Statement Davis Television Fairmont, LLC Fairmont, West Virginia Page 3

Exhibit No. 5 is a map showing the calculated Principal City Grade, Grade A, and Grade B contours for the proposed operation. As required by the Rules, all of Fairmont is included within the calculated Principal City Grade contour.

Exhibit No. 6 lists those allotments and stations of allocation interest for the proposed Ch. 55+ allotment. Subpart A demonstrates compliance with the minimum separation requirements of Section 73.610 of the Rules. Subpart B identifies DTV allotments and stations which merit consideration and Subpart C identifies LPTV stations which are eligible for Class A licensing and are close enough to Fairmont to merit consideration.

Exhibit No. 7 provides detailed studies demonstrating that the proposal will not create new interference to any NTSC or DTV full service facility. The studies of Exhibit No. 7 were performed using a FCC matched computer analysis taking into account all allocation factors. A computer using an Alpha processor was employed in conjunction with the FCC's FLR software. For each station studied, the reference information from Appendix B of the Memorandum Opinion and Order on Reconsideration of the Sixth Report and

Engineering Statement Davis Television Fairmont, LLC Fairmont, West Virginia Page 4

Order in MM Docket Number 87-268 is listed in Exhibit No. 7 for comparison with the results obtained independently using the Alpha processor with the FCC's FLR software. The independently determined calculation results are in excellent agreement with the FCC's Appendix B results.

For this initial study, the Ch. 55, Fairmont, proposal was excluded. For those allotments for which applications have been submitted which exceed the allotment parameters, a second study was performed with the application facilities substituted for the allotment facilities, again without taking into account the effect of the proposed Ch. 55 Fairmont allotment. The studies then were repeated with the proposed Ch. 55 Fairmont allotment included, and a determination was made if any new interference was caused. When the FCC's permissive rounding is taken into account, no new interference is caused to any NTSC or DTV facility of interest. As demonstrated in Exhibit No. 7, the proposed allotment satisfies all FCC criteria with respect to NTSC and DTV station protection.

Engineering Statement Davis Television Fairmont, LLC Fairmont, West Virginia Page 5

The only eligible Class A LPTV station of interest is W56DX, Wheeling, West Virginia. Station W56DX is licensed for operation on Ch. 62 and a construction permit has been issued for operation on Ch. 56. However, the adopted rules proscribe licensing of a Class A station on an out of core channel. Hence, station W56DX cannot achieve licensed Class A status on either Ch. 56 or Ch. 62 and protection of W56DX on either channel is not required.

I declare under penalty of perjury that the foregoing is true and correct. Executed on July 10, 2000.

Bernard R. Segal, P.E.



Date
Call Letters

28 Jun 2000

Channel

Channe FAIRMONT, WV

55

Location

Customer Antenna Type

**TFU-30DSC T180** 

#### **AZIMUTH PATTERN**

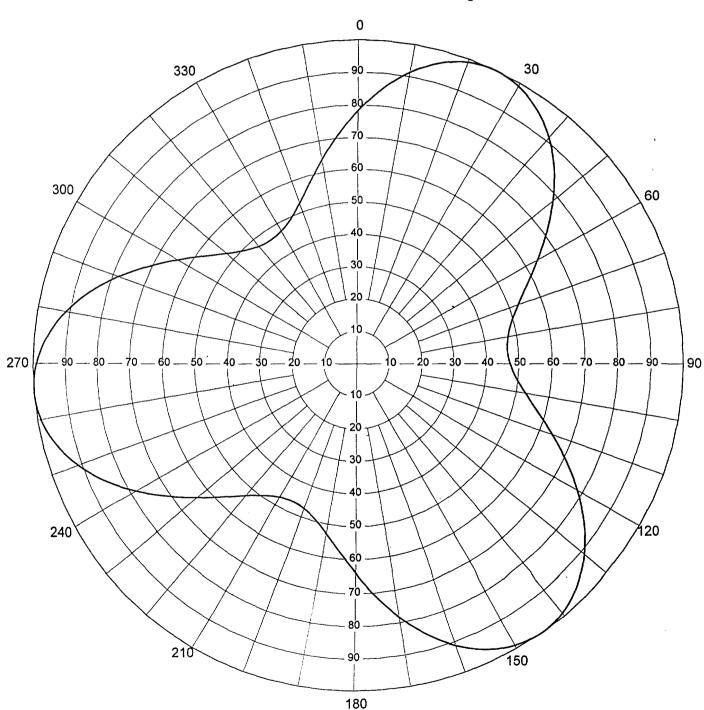
RMS Gain at Main Lobe Calculated / Measured

1.80 (2.55 dB) Calculated

Frequency Drawing #

719 MHz

T180



Remarks:



Date

28 Jun 2000

Call Letters

Channel

55

Location

LIOII

FAIRMONT, WV

Customer Antenna Type

**TFU-30DSC T180** 

#### **TABULATION OF AZIMUTH PATTERN**

Azimuth Pattern Drawing #

T180

Angle	Field	ERP (kW)	ERP (dBk)
7 ingle	0.782	2446	33.88
10	0.762	3334	35.23
1 1		3920	35.23
20	0.990		{
30	0.990	3920	35.93
40	0.913	3334	35.23
50	0.782	2446	33.88
60	0.640	1638	32.14
70	0.529	1119	30.49
80	0.473	895	29.52
90	0.473	895	29.52
100	0.529	1119	30.49
110	0.640	1638	32.14
120	0.782	2446	33.88
130	0.913	3334	35.23
140	0.990	3920	35.93
150	0.990	3920	35.93
160	0.913	3334	35.23
170	0.782	2446	33.88
180	0.640	1638	32.14
190	0.529	1119	30.49
200	0.473	895	29.52
210	0.473	895	29.52
220	0.529	1119	30.49
230	0.640	1638	32.14
240	0.782	2446	33.88
250	0.913	3334	35.23
260	0.990	3920	35.93
270	0.990	3920	35.93
280	0.913	3334	35.23
290	0.782	2446	33.88
300	0.640	1638	32.14
310	0.529	1119	30.49
320	0.473	895	29.52
330	0.473	895	29.52
340	0.529	1119	30.49
350	0.640	1638	32.14
		· l	

#### Maxima

Angle	Field	ERP (kW)	ERP (dBk)
25	1.000	4000	36.02
145	1.000	4000	36.02
265	1.000	4000	36.02

#### **Minima**

Angle	Field	ERP (kW)	ERP (dBk)
85	0.467	872	29.41
205	0.467	872	29.41
325	0.467	872	29.41



Date Call Letters Location

Customer

28 Jun 2000

Channel 55

**FAIRMONT, WV** 

**TFU-30DSC T180** Antenna Type

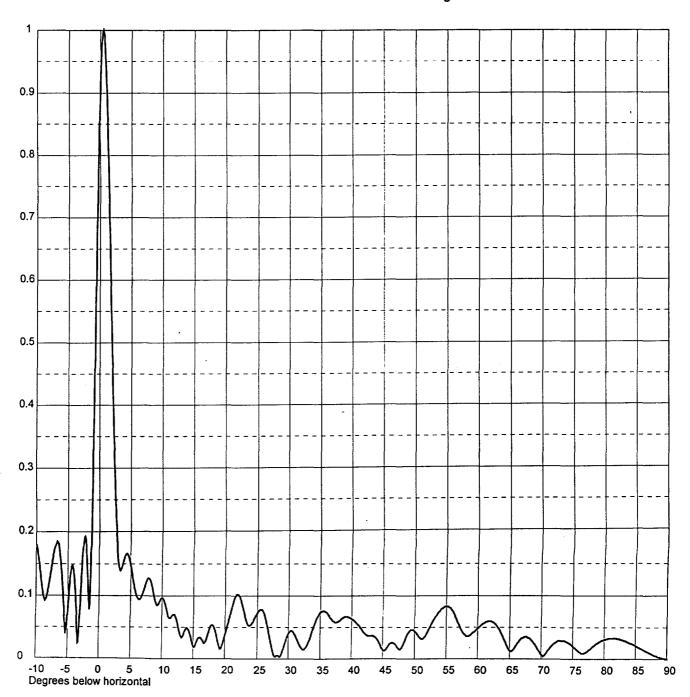
#### **ELEVATION PATTERN**

RMS Gain at Main Lobe RMS Gain at Horizontal Calculated / Measured

25.5 (14.07 dB) 21.0 (13.22 dB) Calculated

**Beam Tilt** Frequency Drawing #

0.50 Degrees 719.00 MHz 30Q25505-90



Remarks:

55



Date

28 Jun 2000

**Call Letters** 

Channel

Location

FAIRMONT, WV

Customer

Antenna Type

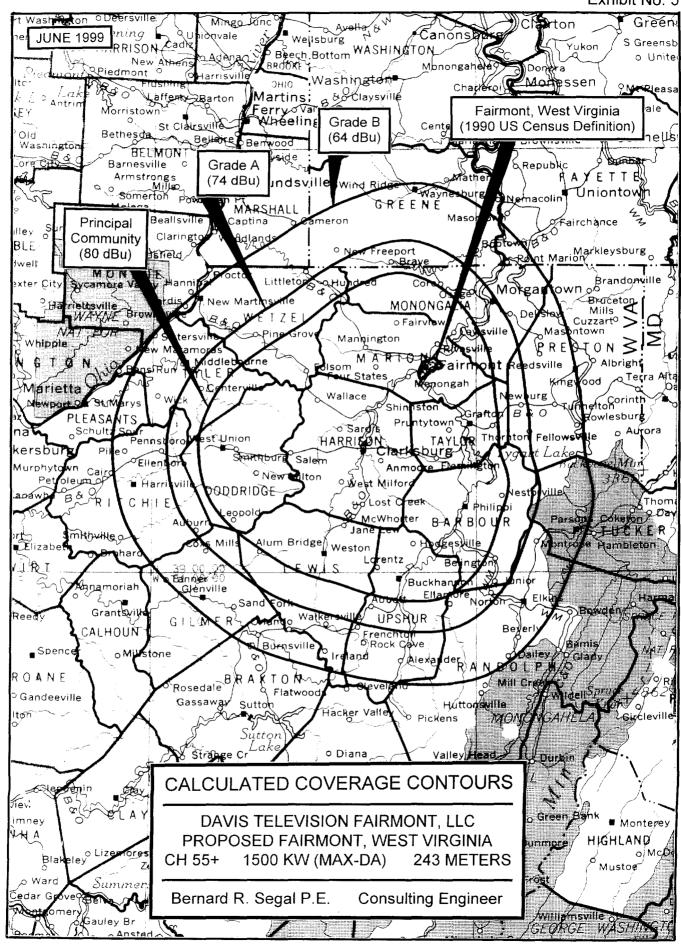
**TFU-30DSC T180** 

#### **TABULATION OF ELEVATION PATTERN**

Elevation Pattern Drawing #

30Q25505-90

10.0	Angle	Field										
9.5		0.183										
9.0	-9.5	0.153	2.6	0.248		0.075	31.0	0.039	51.5	0.034	1 1	
8.5	-9.0	0.110										
8.0	-8.5	0.094						0.019				
-7.5	-8.0	0.116	3.2	0.146		0.070				0.062		
-7.0         0.177         3.6         0.143         13.0         0.037         33.5         0.035         54.0         0.076         74.5         0.022           -6.5         0.182         3.8         0.150         13.5         0.040         34.0         0.051         54.5         0.081         75.0         0.020           -6.0         0.143         4.0         0.157         14.0         0.049         34.5         0.065         55.0         0.083         75.5         0.016           -5.5         0.063         4.2         0.163         14.5         0.039         35.0         0.074         55.5         0.081         76.0         0.011           -5.0         0.076         4.4         0.166         15.0         0.020         35.5         0.076         56.5         0.086         77.0         0.011           -4.5         0.140         4.6         0.164         15.5         0.028         37.0         0.066         57.0         0.065         77.5         0.014           -3.5         0.043         5.0         0.149         16.5         0.028         37.0         0.060         57.5         0.044         78.0         0.018           -3.0 <td>-7.5</td> <td>0.148</td> <td>3.4</td> <td>0.140</td> <td>12.5</td> <td>0.057</td> <td>33.0</td> <td>0.022</td> <td>53.5</td> <td></td> <td></td> <td></td>	-7.5	0.148	3.4	0.140	12.5	0.057	33.0	0.022	53.5			
-6.0 0.143 4.0 0.157 14.0 0.049 34.5 0.065 55.0 0.083 75.5 0.016 5.5 0.063 4.2 0.163 14.5 0.039 35.0 0.074 55.5 0.081 76.0 0.011 5.0 0.076 4.4 0.166 15.0 0.020 35.5 0.076 56.0 0.076 76.5 0.009 4.5 0.140 4.6 0.164 15.5 0.027 36.0 0.073 56.5 0.066 77.0 0.010 4.0 0.132 4.8 0.159 16.0 0.034 36.5 0.066 57.0 0.055 77.5 0.014 5.3 0.043 5.0 0.149 16.5 0.028 37.0 0.060 57.5 0.044 78.0 0.018 3.0 0.096 5.2 0.138 17.0 0.029 37.5 0.058 58.0 0.038 78.5 0.022 5.8 0.141 5.4 0.125 17.5 0.047 38.0 0.060 58.5 0.038 78.5 0.022 5.8 0.141 5.4 0.125 17.5 0.047 38.0 0.060 58.5 0.038 78.5 0.022 5.8 0.141 5.4 0.125 17.5 0.047 38.0 0.060 58.5 0.038 78.5 0.022 5.2 0.138 17.0 0.029 37.5 0.066 59.0 0.039 79.5 0.029 5.2 0.138 17.0 0.029 37.5 0.066 59.0 0.039 79.5 0.029 5.2 0.138 18.0 0.054 38.5 0.065 59.0 0.039 79.5 0.029 5.2 0.138 18.0 0.054 38.5 0.065 59.0 0.039 79.5 0.029 5.2 0.066 60.0 0.098 19.0 0.022 39.5 0.066 60.0 0.048 80.5 0.032 5.0 0.033 5.0 0.060 58.5 0.033 5.0 0.031 5.0 0.060 58.5 0.035 59.0 0.039 79.5 0.029 5.0 0.060 59.5 0.043 59.0 0.031 5.0 0.060 59.5 0.065 59.0 0.039 79.5 0.029 5.0 0.060 59.5 0.065 59.0 0.039 79.5 0.029 5.0 0.060 59.5 0.066 59.0 0.039 79.5 0.029 5.0 0.060 59.5 0.066 59.0 0.039 79.5 0.029 5.0 0.060 59.5 0.066 59.0 0.039 79.5 0.029 5.0 0.060 59.5 0.066 59.0 0.039 79.5 0.029 5.0 0.060 59.5 0.066 59.0 0.039 79.5 0.031 5.0 0.060 59.5 0.065 59.0 0.039 79.5 0.033 5.0 0.060 59.5 0.065 59.0 0.039 79.5 0.033 5.0 0.060 59.5 0.065 59.0 0.033 59.0 0.031 59.5 0.055 59.5 0.066 59.0 0.053 59.0 0.033 59.0 0.055 59.5 0.055 59.0 0.055 59.5 0.055 59.0 0.055 59.5 0.055 59.0 0.055 59.5 0.055 59.0 0.055 59.5 0.055 59.0 0.055 59.5 0	-7.0	0.177	3.6									
-5.5	-6.5	0.182	3.8	0.150	13.5	0.040	34.0	0.051	54.5	0.081	75.0	0.020
-5.0	-6.0	0.143	4.0	0.157	14.0	0.049	34.5	0.065	55.0	0.083	75.5	Ò.016
-4.5         0.140         4.6         0.164         15.5         0.027         36.0         0.073         56.5         0.066         77.0         0.010           4.0         0.132         4.8         0.159         16.0         0.034         36.5         0.066         57.0         0.055         77.5         0.014           -3.5         0.043         5.0         0.149         16.5         0.028         37.0         0.060         57.5         0.044         78.0         0.018           3.0         0.096         5.2         0.138         17.0         0.029         37.5         0.058         58.0         0.038         78.5         0.022           -2.8         0.141         5.4         0.125         17.5         0.047         38.0         0.060         58.5         0.036         79.0         0.022           -2.6         0.175         5.6         0.113         18.0         0.054         38.5         0.065         59.0         0.039         79.5         0.029           -2.4         0.192         5.8         0.104         18.5         0.043         39.0         0.067         59.5         0.039         81.5         0.022           -2.0	-5.5	0.063	4.2	0.163	14.5	0.039	35.0	0.074	55.5	0.081	76.0	0.011
-4.0         0.132         4.8         0.159         16.0         0.034         36.5         0.066         57.0         0.055         77.5         0.014           -3.5         0.043         5.0         0.149         16.5         0.028         37.0         0.060         57.5         0.044         78.0         0.018           -3.0         0.096         5.2         0.138         17.0         0.029         37.5         0.058         58.0         0.038         78.5         0.022           -2.8         0.141         5.4         0.125         17.5         0.047         38.0         0.060         58.5         0.036         79.0         0.026           -2.6         0.175         5.6         0.113         18.0         0.054         38.5         0.065         59.0         0.039         79.5         0.029           -2.4         0.192         5.8         0.104         18.5         0.043         39.0         0.067         59.5         0.043         80.0         0.031           -2.0         0.163         6.2         0.095         19.5         0.020         40.0         0.064         60.5         0.053         81.0         0.033           -1.8 <td></td> <td></td> <td></td> <td>0.166</td> <td></td> <td>0.020</td> <td></td> <td></td> <td></td> <td></td> <td>76.5</td> <td></td>				0.166		0.020					76.5	
-3.5         0.043         5.0         0.149         16.5         0.028         37.0         0.060         57.5         0.044         78.0         0.018           -3.0         0.096         5.2         0.138         17.0         0.029         37.5         0.058         58.0         0.038         78.5         0.022           -2.8         0.141         5.4         0.125         17.5         0.043         38.0         0.060         58.5         0.036         79.0         0.026           -2.6         0.175         5.6         0.113         18.0         0.054         38.5         0.065         59.0         0.039         79.5         0.029           -2.4         0.192         5.8         0.104         18.5         0.043         39.0         0.067         59.5         0.043         80.0         0.031           -2.2         0.188         6.0         0.098         19.0         0.022         39.5         0.066         60.0         0.048         80.5         0.032           -2.0         0.163         6.2         0.095         19.5         0.020         40.0         0.064         60.5         0.053         81.5         0.033           -1.6 <td></td> <td>0.140</td> <td></td> <td>0.164</td> <td></td> <td>0.027</td> <td></td> <td></td> <td>56.5</td> <td></td> <td>77.0</td> <td>0.010</td>		0.140		0.164		0.027			56.5		77.0	0.010
-3.0         0.096         5.2         0.138         17.0         0.029         37.5         0.058         58.0         0.038         78.5         0.022           -2.8         0.141         5.4         0.125         17.5         0.047         38.0         0.060         58.5         0.036         79.0         0.026           -2.6         0.175         5.6         0.113         18.0         0.054         38.5         0.065         59.0         0.039         79.5         0.029           -2.4         0.192         5.8         0.104         18.5         0.043         39.0         0.067         59.5         0.043         80.0         0.031           -2.2         0.188         6.0         0.098         19.0         0.022         39.5         0.066         60.0         0.048         80.5         0.032           -2.0         0.163         6.2         0.095         19.5         0.020         40.0         0.064         60.5         0.053         81.0         0.033           -1.8         0.119         6.4         0.095         20.0         0.038         40.5         0.060         61.5         0.057         81.5         0.033           -1.4 <td></td>												
-2.8         0.141         5.4         0.125         17.5         0.047         38.0         0.060         58.5         0.036         79.0         0.026           -2.6         0.175         5.6         0.113         18.0         0.054         38.5         0.065         59.0         0.039         79.5         0.029           -2.4         0.192         5.8         0.104         18.5         0.043         39.0         0.067         59.5         0.043         80.0         0.031           -2.2         0.188         6.0         0.098         19.0         0.022         39.5         0.066         60.0         0.048         80.5         0.032           -2.0         0.163         6.2         0.095         19.5         0.020         40.0         0.064         60.5         0.053         81.0         0.033           -1.8         0.119         6.4         0.095         20.0         0.038         40.5         0.060         61.0         0.057         81.5         0.033           -1.6         0.079         6.6         0.097         20.5         0.057         41.0         0.055         61.5         0.059         82.0         0.033           -1.4 <td></td>												
-2.6         0.175         5.6         0.113         18.0         0.054         38.5         0.065         59.0         0.039         79.5         0.029           -2.4         0.192         5.8         0.104         18.5         0.043         39.0         0.067         59.5         0.043         80.0         0.031           -2.2         0.188         6.0         0.098         19.0         0.022         39.5         0.066         60.0         0.048         80.5         0.032           -2.0         0.163         6.2         0.095         19.5         0.020         40.0         0.064         60.5         0.053         81.0         0.033           -1.8         0.119         6.4         0.095         20.0         0.038         40.5         0.060         61.0         0.057         81.5         0.033           -1.6         0.079         6.6         0.097         20.5         0.057         41.0         0.055         61.5         0.059         82.0         0.033           -1.2         0.219         7.0         0.107         21.5         0.097         42.0         0.042         62.5         0.058         83.0         0.033           -1.0 <td></td>												
-2.4         0.192         5.8         0.104         18.5         0.043         39.0         0.067         59.5         0.043         80.0         0.031           -2.2         0.188         6.0         0.098         19.0         0.022         39.5         0.066         60.0         0.048         80.5         0.032           -2.0         0.163         6.2         0.095         19.5         0.020         40.0         0.064         60.5         0.053         81.0         0.033           -1.8         0.119         6.4         0.095         20.0         0.038         40.5         0.060         61.0         0.057         81.5         0.033           -1.6         0.079         6.6         0.097         20.5         0.057         41.0         0.055         61.5         0.059         82.0         0.033           -1.4         0.118         6.8         0.101         21.5         0.097         42.0         0.042         62.5         0.058         83.0         0.033           -1.2         0.219         7.0         0.107         21.5         0.097         42.0         0.042         62.5         0.058         83.0         0.030           -1.0 <td></td>												
-2.22         0.188         6.0         0.098         19.0         0.022         39.5         0.066         60.0         0.048         80.5         0.032           -2.0         0.163         6.2         0.095         19.5         0.020         40.0         0.064         60.5         0.053         81.0         0.033           -1.8         0.119         6.4         0.095         20.0         0.038         40.5         0.060         61.0         0.057         81.5         0.033           -1.6         0.079         6.6         0.097         20.5         0.057         41.0         0.055         61.5         0.059         82.0         0.033           -1.4         0.118         6.8         0.101         21.0         0.079         41.5         0.049         62.0         0.060         82.5         0.032           -1.2         0.219         7.0         0.107         21.5         0.097         42.0         0.042         62.5         0.058         83.0         0.032           -1.0         0.342         7.2         0.113         22.0         0.102         24.5         0.038         63.0         0.052         83.5         0.028           -0.8 </td <td></td>												
-2.0         0.163         6.2         0.095         19.5         0.020         40.0         0.064         60.5         0.053         81.0         0.033           -1.8         0.119         6.4         0.095         20.0         0.038         40.5         0.060         61.0         0.057         81.5         0.033           -1.6         0.079         6.6         0.097         20.5         0.057         41.0         0.055         61.5         0.059         82.0         0.033           -1.4         0.118         6.8         0.101         21.0         0.079         41.5         0.049         62.0         0.060         82.5         0.032           -1.2         0.219         7.0         0.107         21.5         0.097         42.0         0.042         62.5         0.058         83.0         0.032           -1.0         0.342         7.2         0.113         22.0         0.102         42.5         0.038         63.0         0.052         83.5         0.028           -0.8         0.472         7.4         0.120         22.5         0.092         43.5         0.037         64.0         0.033         84.5         0.024           -0.6 <td></td>												
-1.8         0.119         6.4         0.095         20.0         0.038         40.5         0.060         61.0         0.057         81.5         0.033           -1.6         0.079         6.6         0.097         20.5         0.057         41.0         0.055         61.5         0.059         82.0         0.033           -1.4         0.118         6.8         0.101         21.0         0.079         41.5         0.049         62.0         0.060         82.5         0.032           -1.2         0.219         7.0         0.107         21.5         0.097         42.0         0.042         62.5         0.058         83.0         0.030           -1.0         0.342         7.2         0.113         22.0         0.102         42.5         0.038         63.0         0.052         83.5         0.028           -0.8         0.472         7.4         0.120         22.5         0.092         43.0         0.037         63.5         0.044         84.0         0.026           -0.6         0.601         7.6         0.125         23.0         0.072         43.5         0.037         64.0         0.033         84.5         0.024           -0.4 <td></td>												
-1.6         0.079         6.6         0.097         20.5         0.057         41.0         0.055         61.5         0.059         82.0         0.033           -1.4         0.118         6.8         0.101         21.0         0.079         41.5         0.049         62.0         0.060         82.5         0.032           -1.2         0.219         7.0         0.107         21.5         0.097         42.0         0.042         62.5         0.058         83.0         0.030           -1.0         0.342         7.2         0.113         22.0         0.102         42.5         0.038         63.0         0.052         83.5         0.028           -0.8         0.472         7.4         0.120         22.5         0.092         43.0         0.037         63.5         0.044         84.0         0.026           -0.6         0.601         7.6         0.125         23.0         0.072         43.5         0.037         64.0         0.033         84.5         0.024           -0.4         0.721         7.8         0.128         23.5         0.055         44.0         0.033         64.5         0.022         85.0         0.021           -0.2 <td></td>												
-1.4         0.118         6.8         0.101         21.0         0.079         41.5         0.049         62.0         0.060         82.5         0.032           -1.2         0.219         7.0         0.107         21.5         0.097         42.0         0.042         62.5         0.058         83.0         0.030           -1.0         0.342         7.2         0.113         22.0         0.102         42.5         0.038         63.0         0.052         83.5         0.028           -0.8         0.472         7.4         0.120         22.5         0.092         43.0         0.037         63.5         0.044         84.0         0.026           -0.6         0.601         7.6         0.125         23.0         0.072         43.5         0.037         64.0         0.033         84.5         0.024           -0.4         0.721         7.8         0.128         23.5         0.055         44.0         0.033         64.5         0.022         85.0         0.021           -0.2         0.825         8.0         0.127         24.0         0.054         44.5         0.024         65.0         0.013         85.5         0.018           0.0 <td></td>												
-1.2         0.219         7.0         0.107         21.5         0.097         42.0         0.042         62.5         0.058         83.0         0.030           -1.0         0.342         7.2         0.113         22.0         0.102         42.5         0.038         63.0         0.052         83.5         0.028           -0.8         0.472         7.4         0.120         22.5         0.092         43.0         0.037         63.5         0.044         84.0         0.026           -0.6         0.601         7.6         0.125         23.0         0.072         43.5         0.037         64.0         0.033         84.5         0.024           -0.4         0.721         7.8         0.128         23.5         0.055         44.0         0.033         64.5         0.022         85.0         0.021           -0.2         0.825         8.0         0.127         24.0         0.054         44.5         0.024         65.0         0.013         85.5         0.018           0.0         0.998         8.2         0.123         24.5         0.063         45.0         0.014         65.5         0.014         86.0         0.016           0.2												
-1.0         0.342         7.2         0.113         22.0         0.102         42.5         0.038         63.0         0.052         83.5         0.028           -0.8         0.472         7.4         0.120         22.5         0.092         43.0         0.037         63.5         0.044         84.0         0.026           -0.6         0.601         7.6         0.125         23.0         0.072         43.5         0.037         64.0         0.033         84.5         0.024           -0.4         0.721         7.8         0.128         23.5         0.055         44.0         0.033         64.5         0.022         85.0         0.021           -0.2         0.825         8.0         0.127         24.0         0.054         44.5         0.024         65.0         0.013         85.5         0.018           0.0         0.998         8.2         0.123         24.5         0.063         45.0         0.014         65.5         0.014         86.0         0.016           0.2         0.966         8.4         0.115         25.0         0.073         45.5         0.015         66.5         0.029         87.0         0.011           0.6												
-0.8         0.472         7.4         0.120         22.5         0.092         43.0         0.037         63.5         0.044         84.0         0.026           -0.6         0.601         7.6         0.125         23.0         0.072         43.5         0.037         64.0         0.033         84.5         0.024           -0.4         0.721         7.8         0.128         23.5         0.055         44.0         0.033         64.5         0.022         85.0         0.021           -0.2         0.825         8.0         0.127         24.0         0.054         44.5         0.024         65.0         0.013         85.5         0.018           0.0         0.908         8.2         0.123         24.5         0.063         45.0         0.014         65.5         0.014         86.0         0.016           0.2         0.966         8.4         0.115         25.0         0.073         45.5         0.015         66.0         0.021         86.5         0.013           0.4         0.996         8.6         0.105         25.5         0.078         46.0         0.023         66.5         0.029         87.0         0.011           0.6												
-0.6         0.601         7.6         0.125         23.0         0.072         43.5         0.037         64.0         0.033         84.5         0.024           -0.4         0.721         7.8         0.128         23.5         0.055         44.0         0.033         64.5         0.022         85.0         0.021           -0.2         0.825         8.0         0.127         24.0         0.054         44.5         0.024         65.0         0.013         85.5         0.018           0.0         0.998         8.2         0.123         24.5         0.063         45.0         0.014         65.5         0.014         86.0         0.016           0.2         0.966         8.4         0.115         25.0         0.073         45.5         0.015         66.0         0.021         86.5         0.013           0.4         0.996         8.6         0.105         25.5         0.078         46.0         0.023         66.5         0.029         87.0         0.011           0.6         0.997         8.8         0.096         26.0         0.073         46.5         0.026         67.0         0.033         87.5         0.008           0.8												
-0.4         0.721         7.8         0.128         23.5         0.055.         44.0         0.033         64.5         0.022         85.0         0.021           -0.2         0.825         8.0         0.127         24.0         0.054         44.5         0.024         65.0         0.013         85.5         0.018           0.0         0.908         8.2         0.123         24.5         0.063         45.0         0.014         65.5         0.014         86.0         0.016           0.2         0.966         8.4         0.115         25.0         0.073         45.5         0.015         66.0         0.021         86.5         0.013           0.4         0.996         8.6         0.105         25.5         0.078         46.0         0.023         66.5         0.029         87.0         0.011           0.6         0.997         8.8         0.096         26.0         0.073         46.5         0.026         67.0         0.033         87.5         0.008           0.8         0.971         9.0         0.089         26.5         0.057         47.0         0.022         67.5         0.035         88.0         0.006           1.0												
-0.2         0.825         8.0         0.127         24.0         0.054         44.5         0.024         65.0         0.013         85.5         0.018           0.0         0.908         8.2         0.123         24.5         0.063         45.0         0.014         65.5         0.014         86.0         0.016           0.2         0.966         8.4         0.115         25.0         0.073         45.5         0.015         66.0         0.021         86.5         0.013           0.4         0.996         8.6         0.105         25.5         0.078         46.0         0.023         66.5         0.029         87.0         0.011           0.6         0.997         8.8         0.096         26.0         0.073         46.5         0.026         67.0         0.033         87.5         0.008           0.8         0.971         9.0         0.089         26.5         0.057         47.0         0.022         67.5         0.035         88.0         0.006           1.0         0.921         9.2         0.085         27.0         0.033         47.5         0.016         68.0         0.033         88.5         0.004           1.2												
0.0         0.908         8.2         0.123         24.5         0.063         45.0         0.014         65.5         0.014         86.0         0.016           0.2         0.966         8.4         0.115         25.0         0.073         45.5         0.015         66.0         0.021         86.5         0.013           0.4         0.996         8.6         0.105         25.5         0.078         46.0         0.023         66.5         0.029         87.0         0.011           0.6         0.997         8.8         0.096         26.0         0.073         46.5         0.026         67.0         0.033         87.5         0.008           0.8         0.971         9.0         0.089         26.5         0.057         47.0         0.022         67.5         0.035         88.0         0.006           1.0         0.921         9.2         0.085         27.0         0.033         47.5         0.016         68.0         0.033         88.5         0.004           1.2         0.851         9.4         0.087         27.5         0.011         48.0         0.019         68.5         0.029         89.0         0.002           1.4												
0.2         0.966         8.4         0.115         25.0         0.073         45.5         0.015         66.0         0.021         86.5         0.013           0.4         0.996         8.6         0.105         25.5         0.078         46.0         0.023         66.5         0.029         87.0         0.011           0.6         0.997         8.8         0.096         26.0         0.073         46.5         0.026         67.0         0.033         87.5         0.008           0.8         0.971         9.0         0.089         26.5         0.057         47.0         0.022         67.5         0.035         88.0         0.006           1.0         0.921         9.2         0.085         27.0         0.033         47.5         0.016         68.0         0.033         88.5         0.004           1.2         0.851         9.4         0.087         27.5         0.011         48.0         0.019         68.5         0.029         89.0         0.002           1.4         0.766         9.6         0.091         28.0         0.004         48.5         0.031         69.0         0.023         89.5         0.001           1.6												
0.4         0.996         8.6         0.105         25.5         0.078         46.0         0.023         66.5         0.029         87.0         0.011           0.6         0.997         8.8         0.096         26.0         0.073         46.5         0.026         67.0         0.033         87.5         0.008           0.8         0.971         9.0         0.089         26.5         0.057         47.0         0.022         67.5         0.035         88.0         0.006           1.0         0.921         9.2         0.085         27.0         0.033         47.5         0.016         68.0         0.033         88.5         0.004           1.2         0.851         9.4         0.087         27.5         0.011         48.0         0.019         68.5         0.029         89.0         0.002           1.4         0.766         9.6         0.091         28.0         0.004         48.5         0.031         69.0         0.023         89.5         0.001           1.6         0.672         9.8         0.095         28.5         0.004         49.0         0.041         69.5         0.015         90.0         0.000           1.8												
0.6         0.997         8.8         0.096         26.0         0.073         46.5         0.026         67.0         0.033         87.5         0.008           0.8         0.971         9.0         0.089         26.5         0.057         47.0         0.022         67.5         0.035         88.0         0.006           1.0         0.921         9.2         0.085         27.0         0.033         47.5         0.016         68.0         0.033         88.5         0.004           1.2         0.851         9.4         0.087         27.5         0.011         48.0         0.019         68.5         0.029         89.0         0.002           1.4         0.766         9.6         0.091         28.0         0.004         48.5         0.031         69.0         0.023         89.5         0.001           1.6         0.672         9.8         0.095         28.5         0.004         49.0         0.041         69.5         0.015         90.0         0.000           1.8         0.575         10.0         0.096         29.0         0.011         49.5         0.046         70.0         0.007												
0.8         0.971         9.0         0.089         26.5         0.057         47.0         0.022         67.5         0.035         88.0         0.006           1.0         0.921         9.2         0.085         27.0         0.033         47.5         0.016         68.0         0.033         88.5         0.004           1.2         0.851         9.4         0.087         27.5         0.011         48.0         0.019         68.5         0.029         89.0         0.002           1.4         0.766         9.6         0.091         28.0         0.004         48.5         0.031         69.0         0.023         89.5         0.001           1.6         0.672         9.8         0.095         28.5         0.004         49.0         0.041         69.5         0.015         90.0         0.000           1.8         0.575         10.0         0.096         29.0         0.011         49.5         0.046         70.0         0.007												
1.0     0.921     9.2     0.085     27.0     0.033     47.5     0.016     68.0     0.033     88.5     0.004       1.2     0.851     9.4     0.087     27.5     0.011     48.0     0.019     68.5     0.029     89.0     0.002       1.4     0.766     9.6     0.091     28.0     0.004     48.5     0.031     69.0     0.023     89.5     0.001       1.6     0.672     9.8     0.095     28.5     0.004     49.0     0.041     69.5     0.015     90.0     0.000       1.8     0.575     10.0     0.096     29.0     0.011     49.5     0.046     70.0     0.007												
1.2     0.851     9.4     0.087     27.5     0.011     48.0     0.019     68.5     0.029     89.0     0.002       1.4     0.766     9.6     0.091     28.0     0.004     48.5     0.031     69.0     0.023     89.5     0.001       1.6     0.672     9.8     0.095     28.5     0.004     49.0     0.041     69.5     0.015     90.0     0.000       1.8     0.575     10.0     0.096     29.0     0.011     49.5     0.046     70.0     0.007												
1.4         0.766         9.6         0.091         28.0         0.004         48.5         0.031         69.0         0.023         89.5         0.001           1.6         0.672         9.8         0.095         28.5         0.004         49.0         0.041         69.5         0.015         90.0         0.000           1.8         0.575         10.0         0.096         29.0         0.011         49.5         0.046         70.0         0.007												
1.6         0.672         9.8         0.095         28.5         0.004         49.0         0.041         69.5         0.015         90.0         0.000           1.8         0.575         10.0         0.096         29.0         0.011         49.5         0.046         70.0         0.007												
1.8 0.575 10.0 0.096 29.0 0.011 49.5 0.046 70.0 0.007											, ,	
									69.5	0.015	90.0	0.000
					29.0	0.011		0.046	70.0	0.007		J
	2.0	0.479	10.2	0.095	29.5	0.027	50.0	0.044	70.5	0.005	[	
2.2 0.391 10.4 0.090 30.0 0.040 50.5 0.038 71.0 0.012	2.2	0.391	10.4	0.090	30.0	0.040	50.5	0.038	71.0	0.012		



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#### ENGINEERING STATEMENT PREPARED ON BEHALF OF DAVIS TELEVISION FAIRMONT, LLC FAIRMONT, WEST VIRGINIA

## Allocation Studies for Proposed Fairmont Channel 55+ Allotment

Site Coordinates: 39° 18′ 02″ N. Lat./80° 20′ 37″ W. Long.

#### A: NTSC Separation Compliance Study

Ch.			Dista	ance
Relation- ship	Station	Geographic <u>Coordinates</u> (N. Lat./W. Long.)	Required <u>Minimum</u> (km)	Actual (km)
n-15 (40)	WPCB-TV, Greensburg, PA Lic. and C.P.	40° 23' 34" 79° 46' 54"	119.9	130.5
n-14 (41)	Allotment, Wheeling, WV	(To be deleted)		
n-8 (47)	None sufficiently close for concern			
n-7 (48)	None sufficiently close for concern			
n-5 (50)	None sufficiently close for concern			
n-4 (51)	None sufficiently close for concern	-		
n-3 (52)	None sufficiently close for concern			
n-2 (53)	None sufficiently close for concern			
n-1 (54)	None sufficiently close for concern			
n-0 (55)	WBNX-TV, Akron, OH	41° 23' 02" 81° 41' 44"	248.6	258.3
n+1 (56)	None sufficiently close for concern			
n+2 (57)	None sufficiently close for concern			********
n+3 (58)	None sufficiently close for concern			
n+4 (59)	None sufficiently close for concern			
n+5 (60) n+7 (62)	None sufficiently close for concern Allotment, Steubenville, OH	(To be deleted)	_	
n+8 (63)	None sufficiently close for concern			
n+14 (69)	None sufficiently close for concern			

#### B: DTV Allotments, Stations and Applications Meriting Consideration

Ch.			
Relation-		Site	
$\_$ ship $\_$	Station/Location/Facilities	<u>Coordinates</u>	<b>Distance</b>
		(N. Lat./W. Long.)	(km)
n-1 (54)	Allotment, Oakland, MD	39° 24′ 14″	91.2
	Ch. 54, 50 kW (MAX-DA), 216 m	79° 17' 37"	
	Appl., WGPT-DT, Oakland, MD	39° 24' 14"	91.2
	Ch. 54, 100 kW (MAX-DA), 291 m	79° 17' 37"	
n-0 (55)	Allotment, Hagerstown, MD	39° 39' 35"	208.4
	Ch. 55, 67.7 kW (MAX-DA), 375 m	77° 57' 57"	
	Appl., WHAG-DT, Hagerstown, MD	39° 39' 35"	208.4
	Ch. 55, 1000 kW (MAX-DA), 358 m	77° 57' 57"	
n+1 (56)	None sufficiently close for concern		

#### C: Eligible Class A LPTV Stations and Applications Meriting Consideration

	Site	
Station/Location/Facilities	Coordinates	<b>Distance</b>
	(N. Lat./W. Long.)	(km)
None sufficiently close for concern		
None sufficiently close for concern		
None sufficiently close for concern		
None sufficiently close for concern		
C.P., W56DX, Wheeling, WV	40° 03' 41"	91.5
Ch. 56, 12.1 kW (MAX-DA); RCAMSL: 457 m	80° 45' 08"	
Lic., W56DX, Wheeling, WV	40° 03' 41"	91.5
Ch. 62, 12.1 kW (MAX-DA), RCAMSL: 700 m	80° 45' 08"	
	None sufficiently close for concern  C.P., W56DX, Wheeling, WV Ch. 56, 12.1 kW (MAX-DA); RCAMSL: 457 m  Lic., W56DX, Wheeling, WV	Station/Location/FacilitiesCoordinates (N. Lat./W. Long.)None sufficiently close for concernNone sufficiently close for concernNone sufficiently close for concernNone sufficiently close for concernC.P., W56DX, Wheeling, WV40° 03' 41"Ch. 56, 12.1 kW (MAX-DA); RCAMSL: 457 m80° 45' 08"Lic., W56DX, Wheeling, WV40° 03' 41"

n = Ch. 55

Notes: 1) No Class A license will be issued for a station that is outside the Ch. 2-51 core. Therefore, protection of station W56DX, either on Ch. 56 or on Ch. 62, is unnecessary. 2) No eligible Class A LPTV's with ERP's of 50 kW or more are located less than 32 kilometers from the proposed Fairmont, Ch. 55 site and are on channels that are  $\pm 2$ ,  $\pm 3$  or  $\pm 4$  channels removed from Ch. 55.

#### ENGINEERING STATEMENT PREPARED ON BEHALF OF DAVIS TELEVISION FAIRMONT, LLC FAIRMONT, WEST VIRGINIA

NTSC and DTV Impact Studies for Proposed Fairmont NTSC Allotment Ch. 55+, 1500 kW (MAX-DA), 243 m

Site Coordinates: 39° 18' 02" N. Lat./80° 20' 37" W. Long.

RCAMSL: 604 meters

#### NTSC STUDY

		Appendi	x B Data	Independent Calculations						
			Allotted		Pop. within					
Ch.		Current	DTV	Current	Grade B Not					
Relation-	Potentially Affected	Svc.	Interf.	Svc.	Affected by	Allotted	DTV	New Inte	erf. from	
<u>ship</u>	Desired NTSC Station	Pop	Pop.	Pop	Terrain	Interf.	Pop.	Prop. Fa	airmont	
		(Thous.)	(%)	(Thous.)	(Thous.)	(Thous.)	(%)	(Thous.)	(%)	
n-0 (55)	WBNX-TV, Akron, Ohio Ch. 55, 5000 kW, 356 m	3,478	1.7	3,478	3,517	58.5	1.7	0.6	0.01*	

<sup>\*</sup>Rounds to 0.0% and so meets the condition for no new interference.

#### DTV STUDY

		<u>Appendi</u>	x B Data	Independent Calculati		ions		
				Noise-free				
$\mathbf{Ch}.$		Base-		Svc. Not	Base-		New Inte	rf. from
Relation-	Potentially Affected Desired	line	DTV	Affected	line	DTV	Pro	p.
$\_$ ship $\_$	DTV Allotment or Station	<u> Pop.</u>	Svc.	by Terrain	_Pop	Svc.	Fairmo	ont
		(Thous.)	(Thous.)	(Thous.)	(Thous.)	(Thous.)	(Thous.)	(%)
n-0 (55)	WHAG-DT, Hagerstown, MD							
	Allotment: Ch. 55, 67.7 kW (MAX-DA), 375 m	652	652	707	653	653	0	0
	Appl: Ch. 55, 1000 kW (MAX-DA), 358 m	***		1,457	1,245	1,245	0.6	0.048*
n-1 (54)	WGPT-DT, Oakland, MD							
	Allotment: Ch. 54, 50 kW (MAX-DA), 216 m	109	109	113	109	109	0.0	0
	Appl: Ch. 54, 100 kW (MAX-DA), 291 m			217	150	150	0	0

<sup>\*</sup>Rounds to 0% and so meets the condition for no new interference.